

IN THE CLAIMS:

1-29 (canceled)

30. (Currently Amended) A greenhouse comprising: a substantially transparent surface; a protective coating comprising a pigment and a binder, the binder comprising a vinyl polymer based on one or more of the monomers selected from the group consisting of methyl methacrylate, butyl acrylate, 2-ethylhexyl acrylate, ethyl acrylate, styrene, methacrylic acid and acrylic acid, having a weight-average molecular weight of 10,000-100,000 and an acid value of 40-250, wherein the binder has a polydispersity of 2-6 and a glass transition temperature of 10 to 60 °C, and wherein the protective coating is on said a-substantially transparent surface and the protective coating is removable with a removing agent comprising a base and a complex former.

31. (Currently Amended) The ~~protective coating greenhouse~~ according to claim 30, wherein the binder of the protective coating has a weight-average molecular weight of 15,000 to 75,000.

32. (Currently Amended) The ~~protective coating greenhouse~~ according to claim 31, wherein the binder of the protective coating has a weight-average molecular weight of 20,000 to 50,000.

33. (Currently Amended) The ~~protective coating greenhouse~~ according to claim 30, wherein the acid value of the binder of the protective coating is between 60 and 160.

34. (Canceled)

35. (Canceled)

36. (Currently Amended) The ~~protective coating greenhouse~~ according to claim 30, wherein the glass transition temperature of the binder of the protective coating is between 20 and 50 °C.

38. (Canceled)

39. (Currently Amended) The ~~protective-coating~~ greenhouse according to claim 30, wherein the binder of the protective coating is present in an amount of 4-60% by weight, based on the weight of the protective coating.

40. (Currently Amended) The ~~protective-coating~~ greenhouse according to claim 30, wherein the pigment of the protective coating is selected from the group of calcium carbonate, titanium oxide, a silicate, gypsum, barite, and combinations thereof.

41. (Currently Amended) The ~~protective-coating~~ greenhouse according to claim 30, wherein the pigment of the protective coating is present in an amount of 30-95% by weight, based on the weight of the protective coating.

42. (Currently Amended) The ~~protective-coating~~ greenhouse according to claim 30, wherein the protective coating further comprises an adhesion promoter.

43. (Currently Amended) The ~~protective-coating~~ greenhouse according to claim 42, wherein the adhesion promoter is selected from the group of silanes.

44. (Currently Amended) The ~~protective-coating~~ greenhouse according to claim 30, wherein the protective coating further comprises a pigment divider.

45. (Currently Amended) The ~~protective-coating~~ greenhouse according to claim 30, wherein the protective coating further comprises a thickener.

46. (Currently Amended) A method for forming a protective coating on a substantially transparent surface of a greenhouse comprising applying a composition to the substantially

transparent surface and then drying the composition to form the protective coating, wherein the composition comprises a pigment and a water-carried binder, the binder comprising a vinyl polymer based on one or more of the monomers selected from the group consisting of methyl metacrylate, butyl acrylate, 2-ethylhexyl acrylate, ethyl acrylate, styrene, methacrylic acid and acrylic acid, having a weight-average molecular weight of 10,000-100,000 and an acid value of 40-250, wherein the binder has a polydispersity of 2-6 and a glass transition temperature of 10 to 60 °C, and wherein the protective coating is removable with a removing agent comprising a base and a complex former.

47. (Previously presented) The method according to claim 46, wherein the composition further comprises a weak base selected from the group of ammonia, mono-, di-, and trialkylamines, with the alkyl group containing from 1 to 8 carbon atoms.

48. (Previously presented) The method according to claim 47, wherein the weak base is present in an amount of 0.2-5% by weight of the protective agent.

49. (Canceled)